



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **55157949 A**(43) Date of publication of application: **09.12.80**

(51) Int. Cl.

H02K 3/48
H02K 1/26
(21) Application number: **54064219**(71) Applicant: **MITSUBISHI ELECTRIC CORP**(22) Date of filing: **24.05.79**(72) Inventor: **AKAMINE TOSHIRO**(54) **ARMATURE FOR DC MACHINE**

(57) Abstract:

PURPOSE: To improve the strength against the centrifugal force and the permeability of resin of an armature by axially and alternately laminating totally-enclosed slots and open-type slots by a proper thickness, and inserting conductors into the slots, before filling them up with resin.

CONSTITUTION: A proper number of a core 2a with a totally-enclosed slot 3a and a core 2b with an open-type slot 3b are axially and alternately laminated in order to form an armature core 2. After conductors 4 are inserted into the slots 3, the slots 3 are saturated with synthetic resin in order to form a synthetic resin insulation layer 5. Thus, the slots 3a hold a coil 4, so that the mechanical strength against the centrifugal force can be improved, and openings 3c of the open-type slots 3b permit filling of the synthetic resin to be improved.

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